

in line 15, cancel "EP 0 230 336 A1" substitute --European Patent  
Application No. 0 230 336-- therefor;

in line 22, cancel "EP" substitute --European Patent Application No.--  
therefor.

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On page 2, below line 15, insert a centered heading:

**--SUMMARY OF THE INVENTION--;**

in line 18, after "The" insert --present--;

cancel lines 21-22, substitute the following at line 21:

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-- This object is achieved in accordance with the present invention in a  
method for producing a surface mounting optoelectronic component having a  
base body, an optoelectronic transmitter/receiver that is arranged in a recess of  
the base body, and an optical device that covers the recess, said method  
comprising the steps of: preparing the base body with the optoelectronic  
transmitter/receiver arranged in the recess; filling the recess of the prepared  
base body with a transparent hardenable casting compound; then placing the  
optical device onto the as yet uncured casting compound; and then curing the  
casting compound.

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In an embodiment, the step of preparing the base body comprises the  
steps of: coating a conductor strip with a thermoplast housing while  
simultaneously forming the recess of the base body into a top surface of the  
thermoplast housing, a portion of said conductor strip being situated inside the  
recess; mounting the optoelectronic transmitter/receiver on said portion of the  
conductor strip situated inside the recess; and filling the recess of the base body  
with a transparent curable casting compound having thermal characteristics  
adapted to the thermoplast housing material.

In an embodiment, the recess of the base body is filled with the casting  
compound to a level such that, during the subsequent placement of the optical  
device, essentially no casting compound runs over an edge of the recess.

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In an embodiment, the recess is filled with casting compound essentially  
to the edge of the recess such that, after the recess is filled with casting

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They find that all three have a significant effect on the dependent variable, and that the effect of the first two is positive, while the effect of the third is negative. The results are consistent with the hypothesis that the first two factors are positively related to the dependent variable, while the third factor is negatively related.

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In an embodiment, the casting compound is cured by the influence of heat.

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In an embodiment, the method further comprises, prior to joining the

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an optoelectronic transmitter/receiver arranged in the a recess of the base body and mounted on the portion of the conductor strip situated inside the

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recess;

a transparent hardenable casting compound provided in the recess, said casting compound having thermal characteristics adapted to those of the thermoplast housing material; and

5 an optical device covering the recess and cast onto the casting compound such that a seating surface of the optical device is in surface-wide contact with the casting compound.

In an embodiment, the recess comprises a ring channel surrounding the recess.

10 In an embodiment, the base body comprises a number of seating elements for seating of the optical device, said seating elements being arranged at a margin side relative to the recess.--.

On page 3, in line 9, after "The" insert --present--;  
in line 12, after "The" insert --present--;  
in line 18, after "the" insert --present--.

On page 4, in line 4, after "case" insert a comma;  
in line 5, after the comma insert --thus--;  
in line 15, cancel "depositing [sic]" substitute --placement-- therefor;  
in line 16, cancel "In a further advantageous variant of the method"  
20 substitute --In an embodiment-- therefor.

On page 5, in line 3, preceding "inventive" insert --present--;  
in line 11, cancel "Lastly" substitute --Last-- therefor;  
cancel lines 22-29, substitute the following at line 22:

--automation, enabling mass production on an industrial scale.

25 These and other features of the invention(s) will become clearer with reference to the following detailed description of the presently preferred embodiments and accompanied drawings.

**DESCRIPTION OF THE DRAWINGS**

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Figure 1 is a perspective view of a base body with housing and conductor strip as used in the present inventive method.--.

On page 6, in line 1, cancel "Figure 2A,2B,2C" substitute --Figures 2A, 2B and 2C show-- therefor;

in line 4, cancel the semicolon substitute a period therefor;

in line 5, after "Figure 3" insert --is--;

in line 6, cancel the semicolon substitute a period therefor;

in line 7, after "Figure 4" insert --is--;

in line 8, cancel the semicolon substitute a period therefor;

in line 9, after "Figure 5" insert --shows--;

in line 10, cancel the semicolon substitute a period therefor;

in line 11, after "Figure 6" insert --is--, and cancel "; and" substitute a period therefor;

in line 12, after "Figure 7" insert --is--;

below line 13, insert a centered heading:

**--DETAILED DESCRIPTION OF THE PRESENTLY PREFERRED EMBODIMENTS--;**

in line 24, after "recess" insert --4--.

On page 7, in line 11, cancel "2b" substitute --2B-- therefor, and cancel the space before the comma;

in line 20, after "housing" insert --3'--, and after "compound" insert --14--;

in line 29, after "compound" insert --14--.

On page 8, in line 6, after "lens" insert --16--, and after "housing" insert --3'--;

in line 7, after "slope" insert --18--;

in line 15, after "housing" insert --3'--;

in line 16, after "housing's" insert --3'--;

in line 18, after "compound" insert --14--.

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below line 12, insert the following paragraph:

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